

Fig. 1A

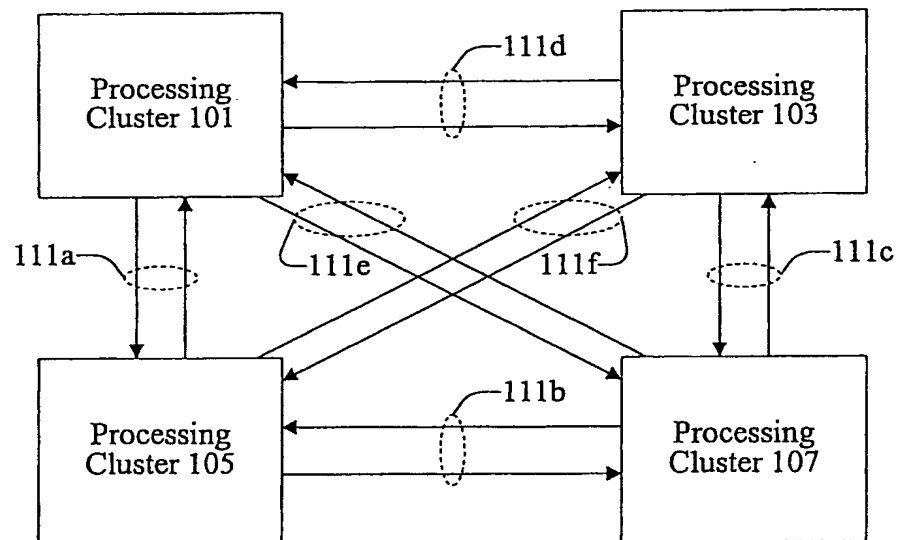
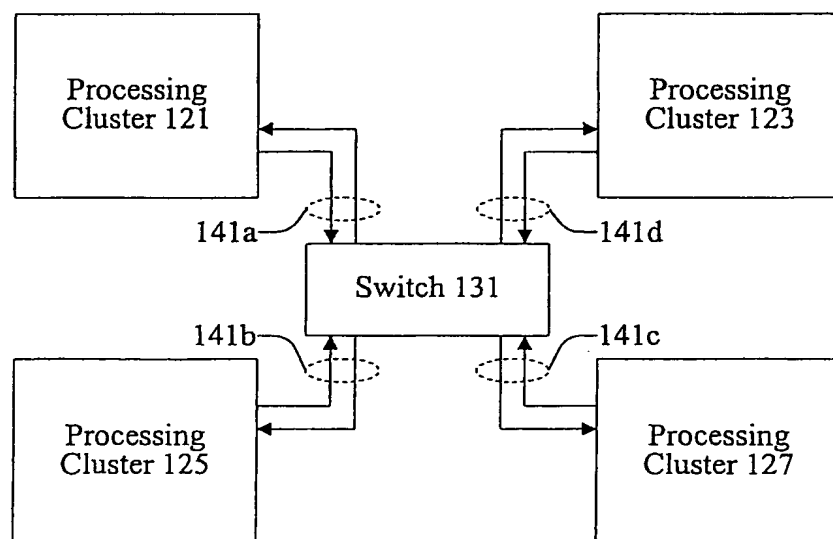


Fig. 1B



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Fig. 2

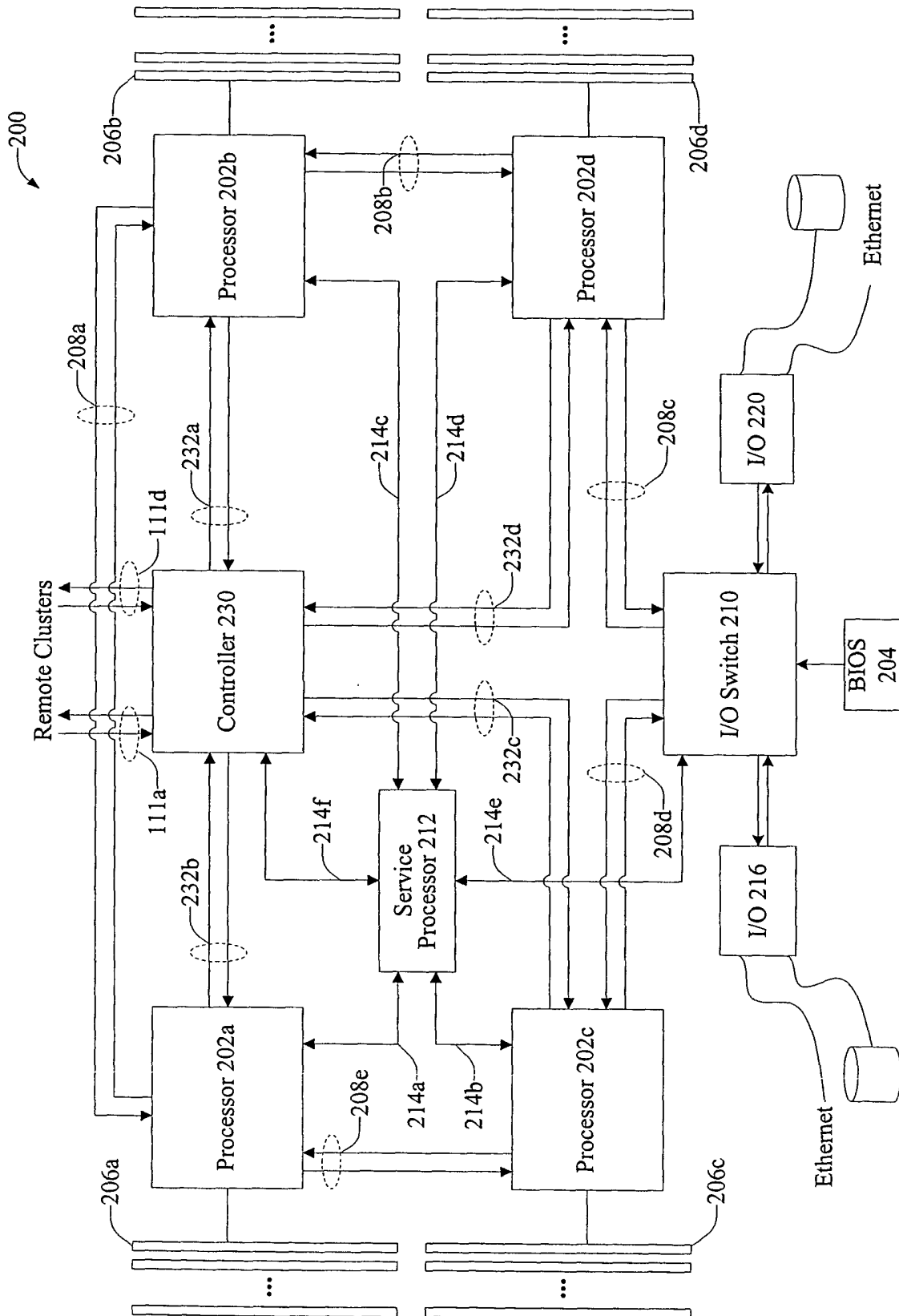
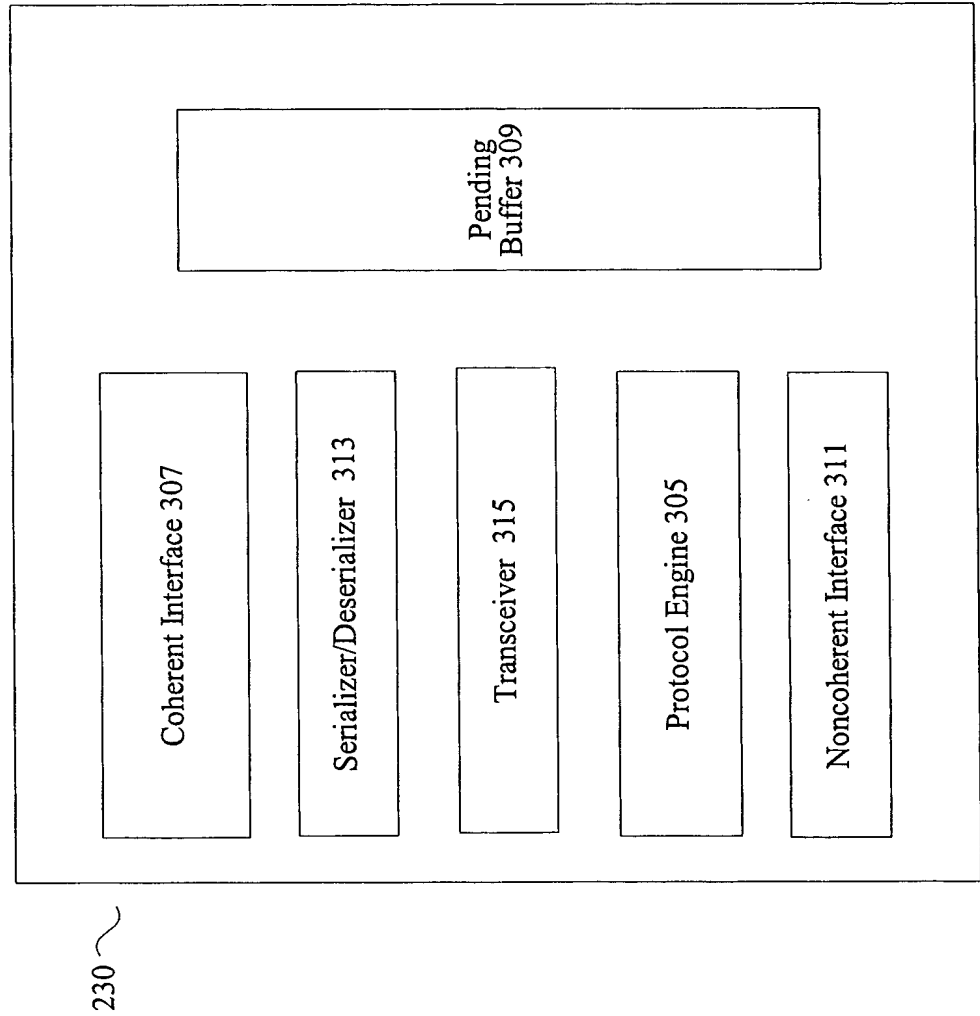


Fig. 3



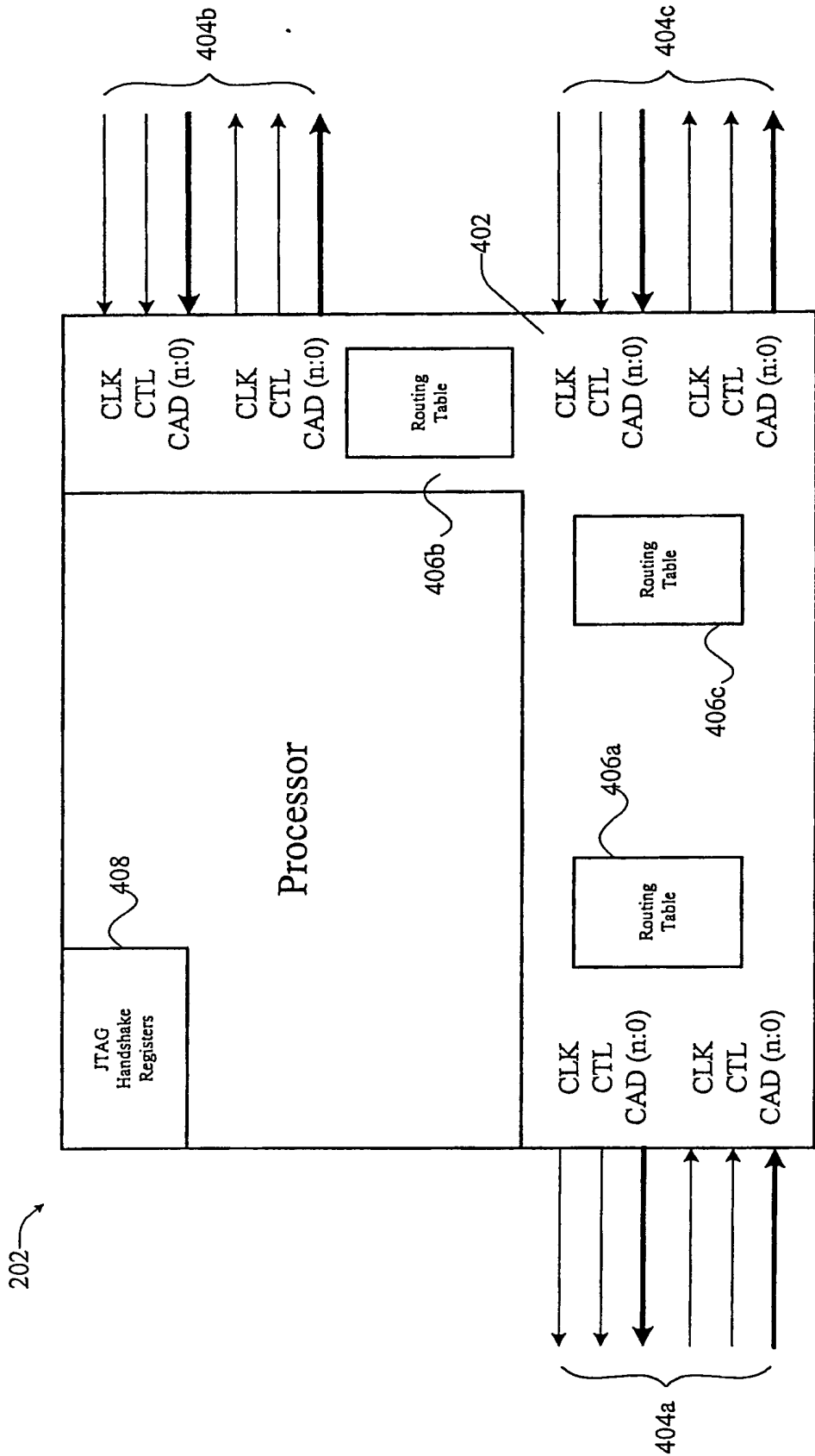


Fig. 4

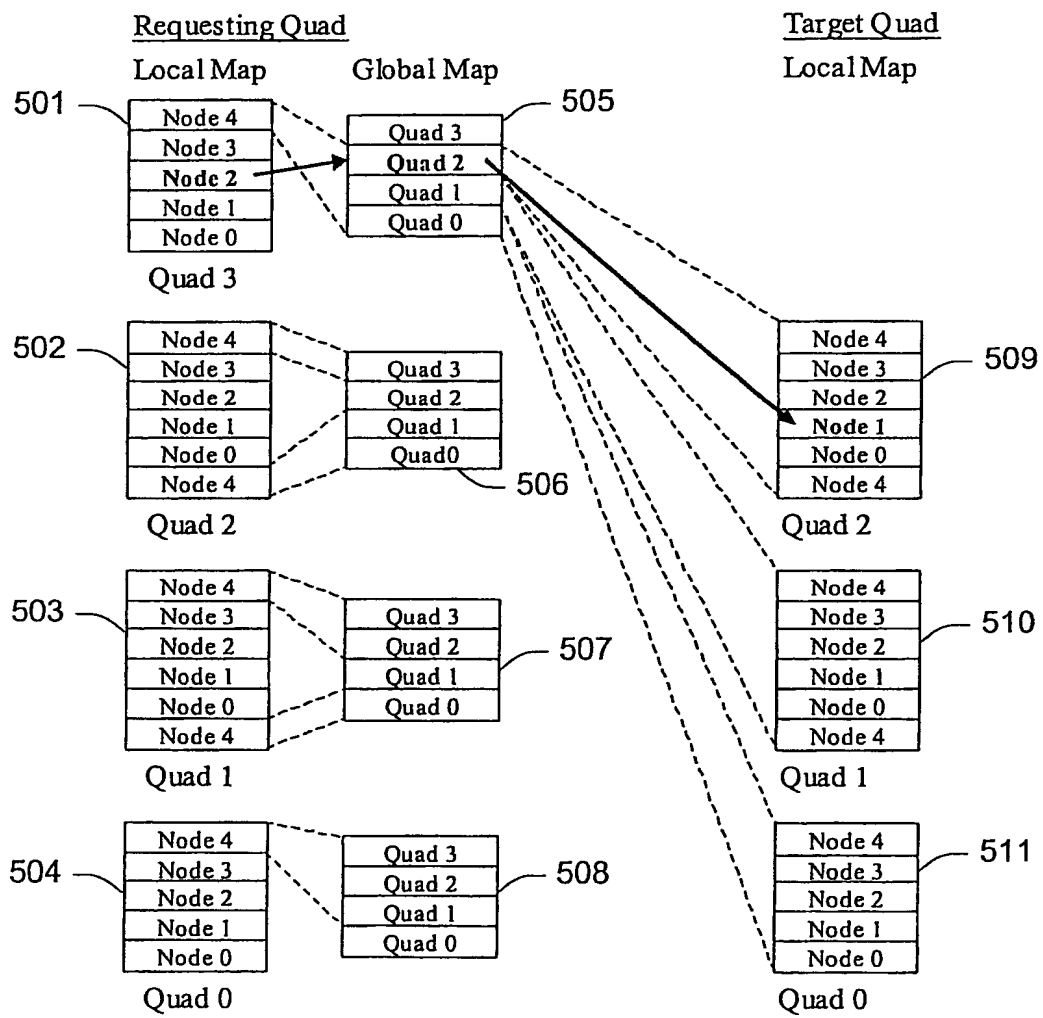


Fig. 5

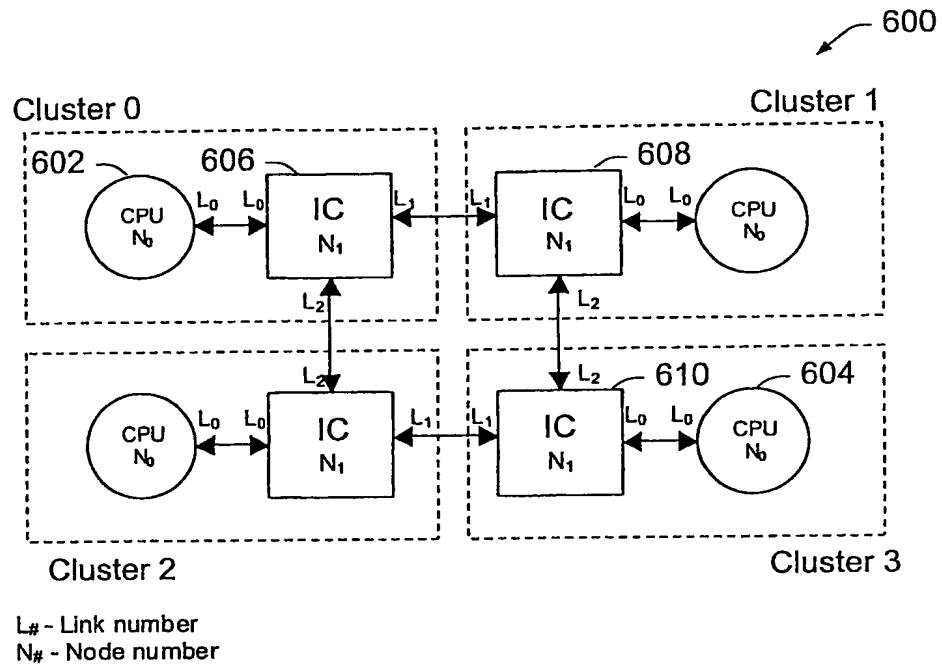


Fig. 6A

		Local Table		Global Table			
		Dest Node		Dest Cluster			
Source		$N_0$	$N_1$	$C_0$	$C_1$	$C_2$	$C_3$
Cluster 0	Node 0	X	$L_0$	NA	NA	NA	NA
	Node 1	$L_0$	X	X	$L_1$	$L_2$	$L_1$
Cluster 1	Node 0	X	$L_0$	NA	NA	NA	NA
	Node 1	$L_0$	X	$L_1$	X	$L_2$	$L_2$
Cluster 2	Node 0	X	$L_0$	NA	NA	NA	NA
	Node 1	$L_0$	X	$L_2$	$L_2$	X	$L_1$
Cluster 3	Node 0	X	$L_0$	NA	NA	NA	NA
	Node 1	$L_0$	X	$L_2$	$L_2$	$L_1$	X

Fig. 6B

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Fig. 7

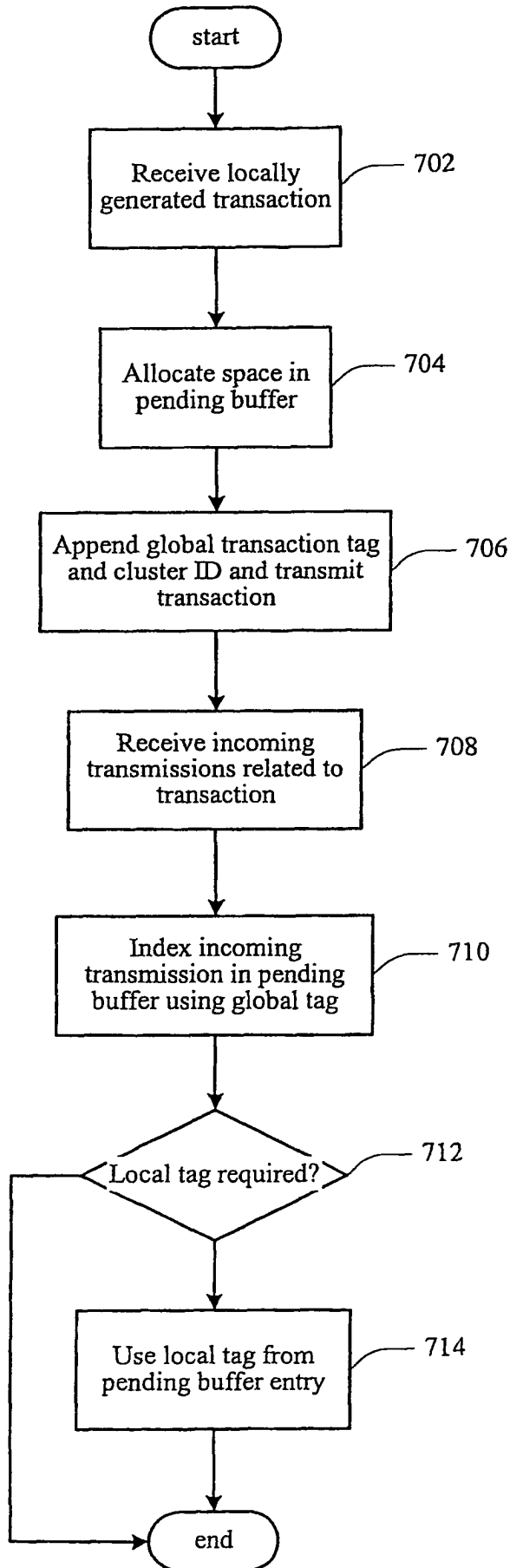
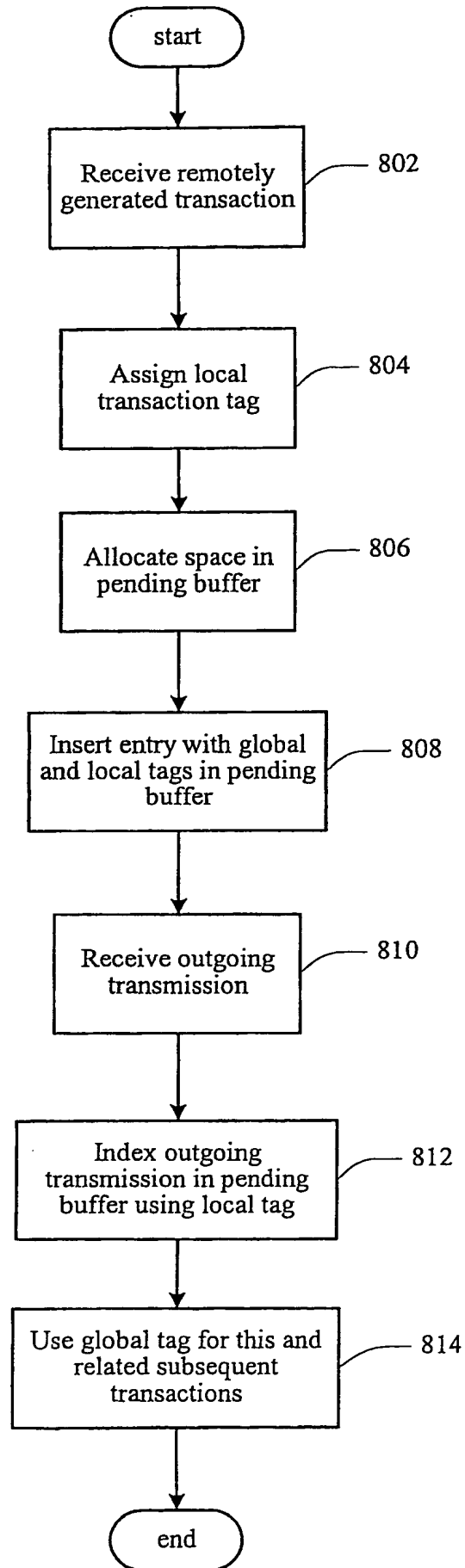


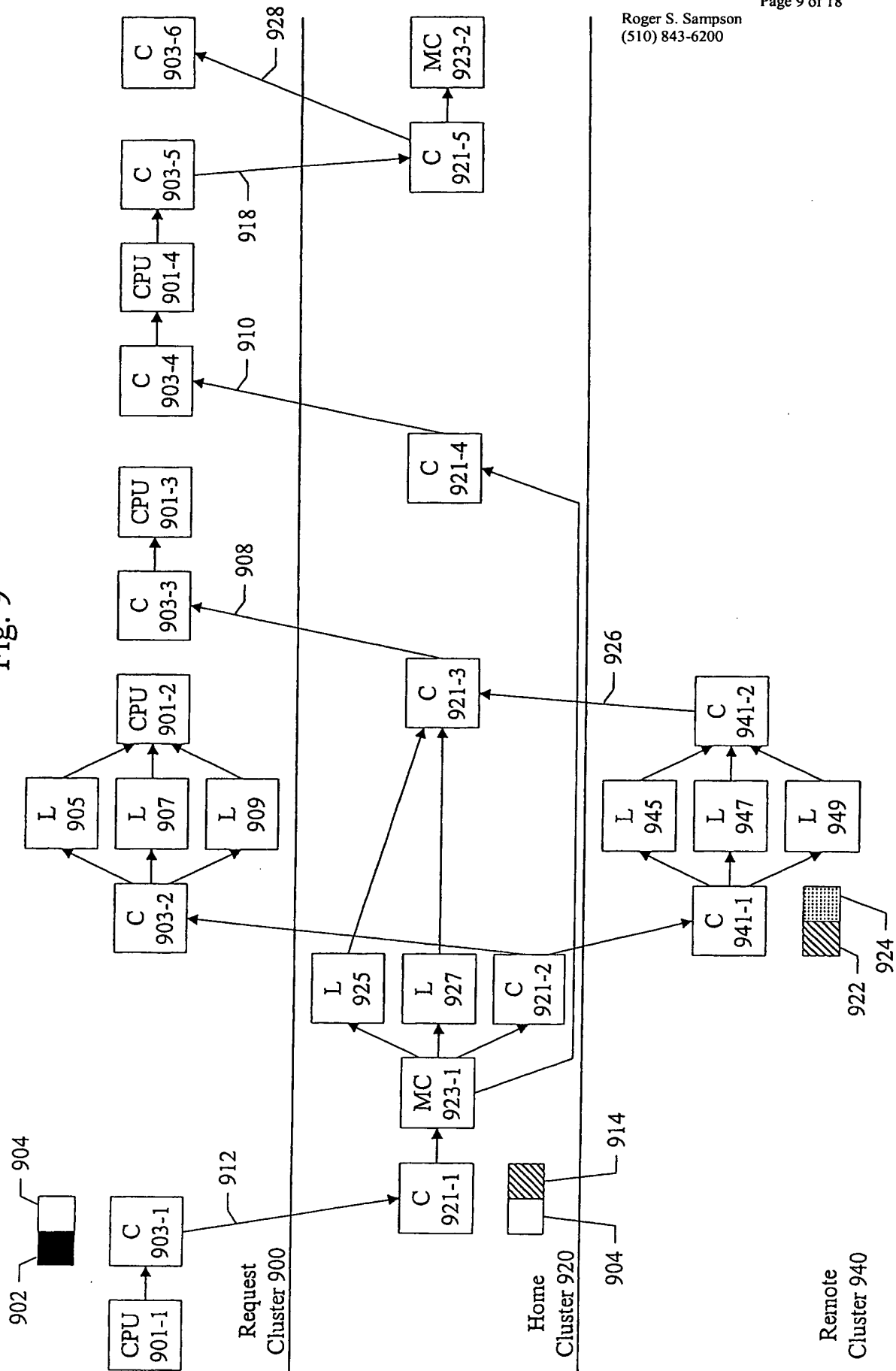
Fig. 8





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Fig. 9



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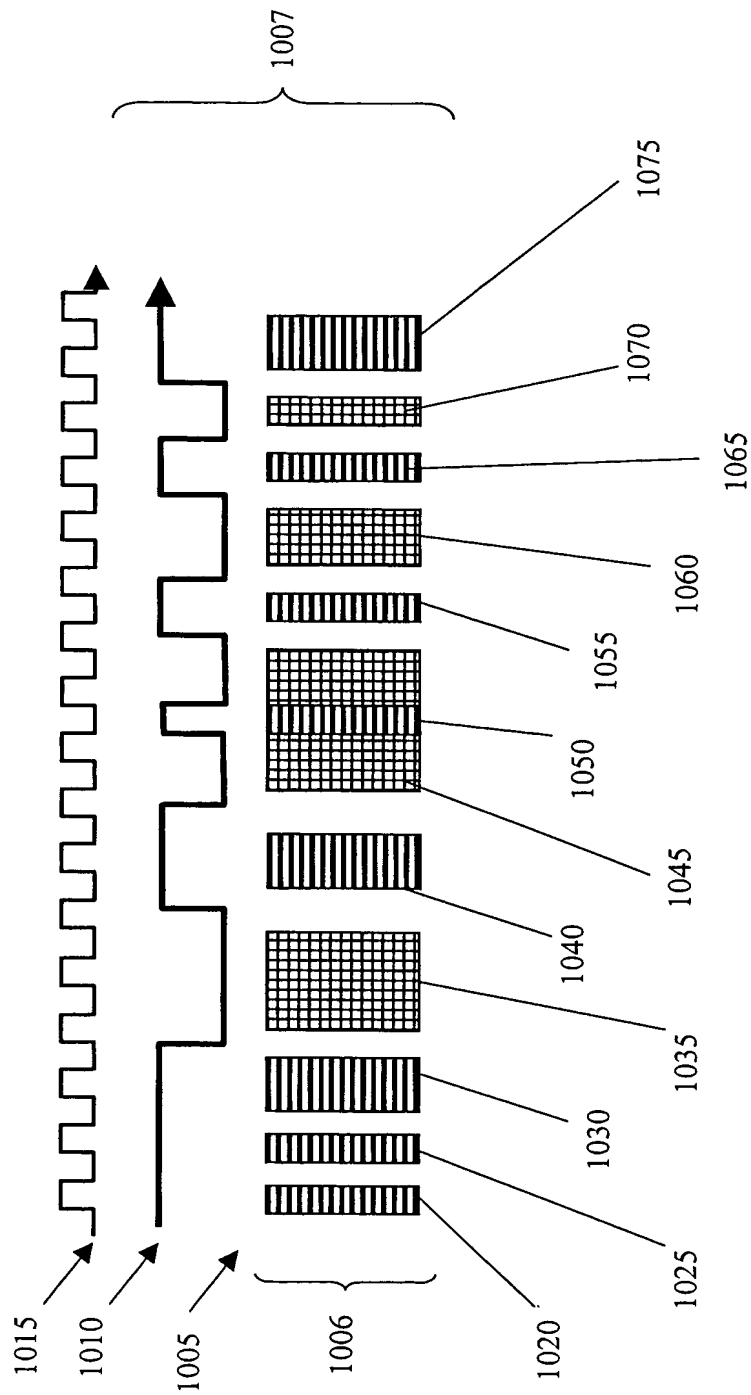
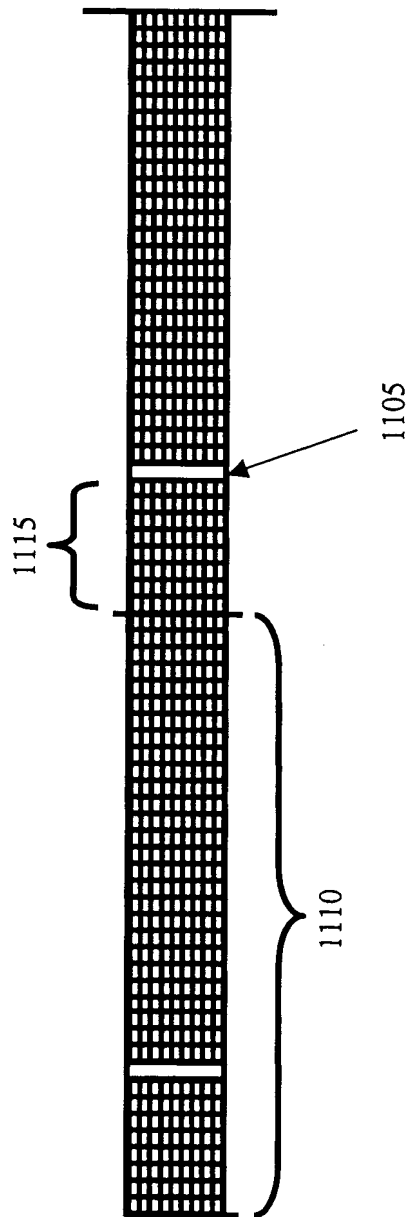
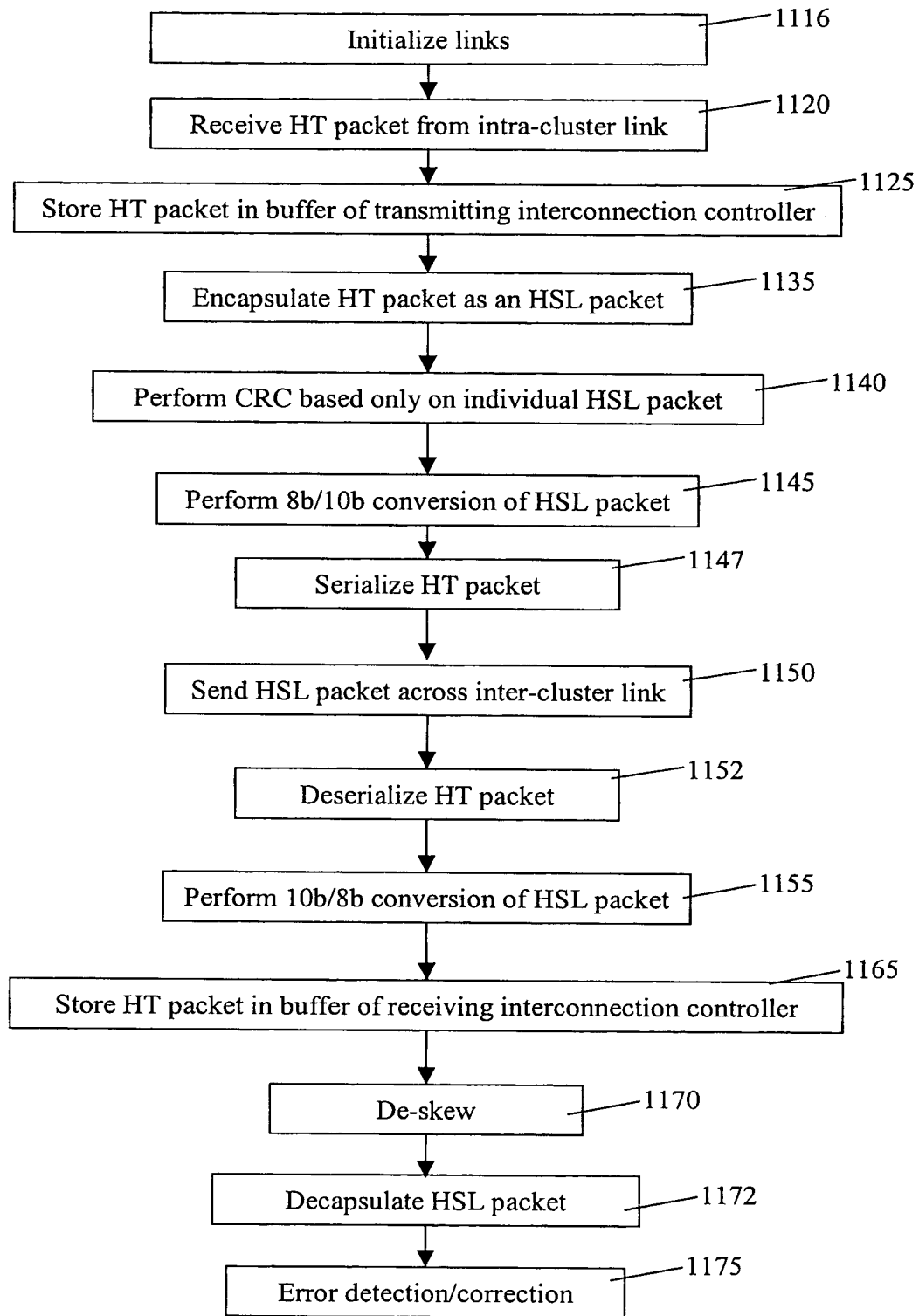


Fig. 10

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**Fig. 11A**



**Fig. 11B**

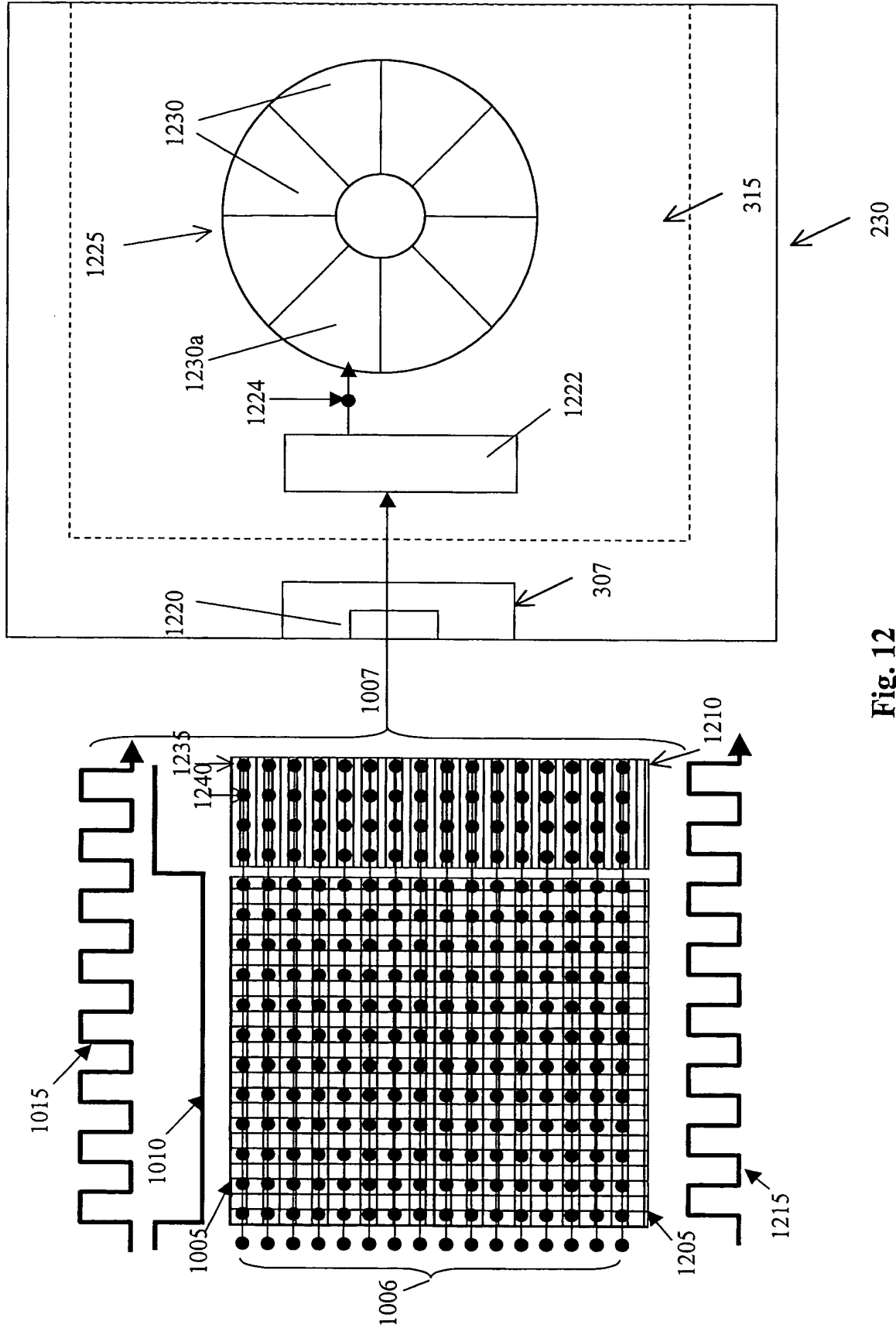


Fig. 12

32b HT packet	32 b ACK/NACK packet	6b SeqID	2b PT	12b Remote bits	12b CRC12
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**Fig 13A: Protocol Packet- 32b Control**

32b (31:0) HT packet	32 b (63:32) HT packet	6b SeqID	2b PT	12b Remote bits	12b CRC12
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**Fig 13B: Protocol Packet- 64b Control.**

32b Data	32 b unused	6b SeqID	2b PT	8b Packet length	16b CRC16
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**Fig. 13C: Data Packet- 32b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16b CRC16
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**Fig. 13D: Data Packet- 64b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32 b unused	16b unused			16b CRC16

**Fig 13E: Data Packet- 96b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	16b unused			16b CRC16

**Fig 13F: Data Packet- 128b.**

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32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	32 b (159:128) Data			
32 b unused	32 b unused	16b unused			16b CRC16

**Fig 13G: Data Packet- 160b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	32 b (159:128) Data			
32 b (191:160) Data	32 b unused	16 b unused			16b CRC16

**Fig 13H: Data Packet- 192b.**

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64) Data	32b (127:96) Data	32 b (159:128) Data			
32b (191:160) Data	32b (223:192) Data	32 b (255:224) Data			
32b (303:272) Data	32b (335:304) Data	32 b (367:336) Data			
32b (383:368) Data	32b (415:384) Data	32 b (447:416) Data			
32b (479:448) Data	32b (511:480) Data	16 b unused			16b CRC16

**Fig 13I: Data Packet- 512b.**

Command	8b Rsv	8b Rsv	1b Rsv	SeqID	1b Valid
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**Fig 13J: ACK/NACK Packet Format.**

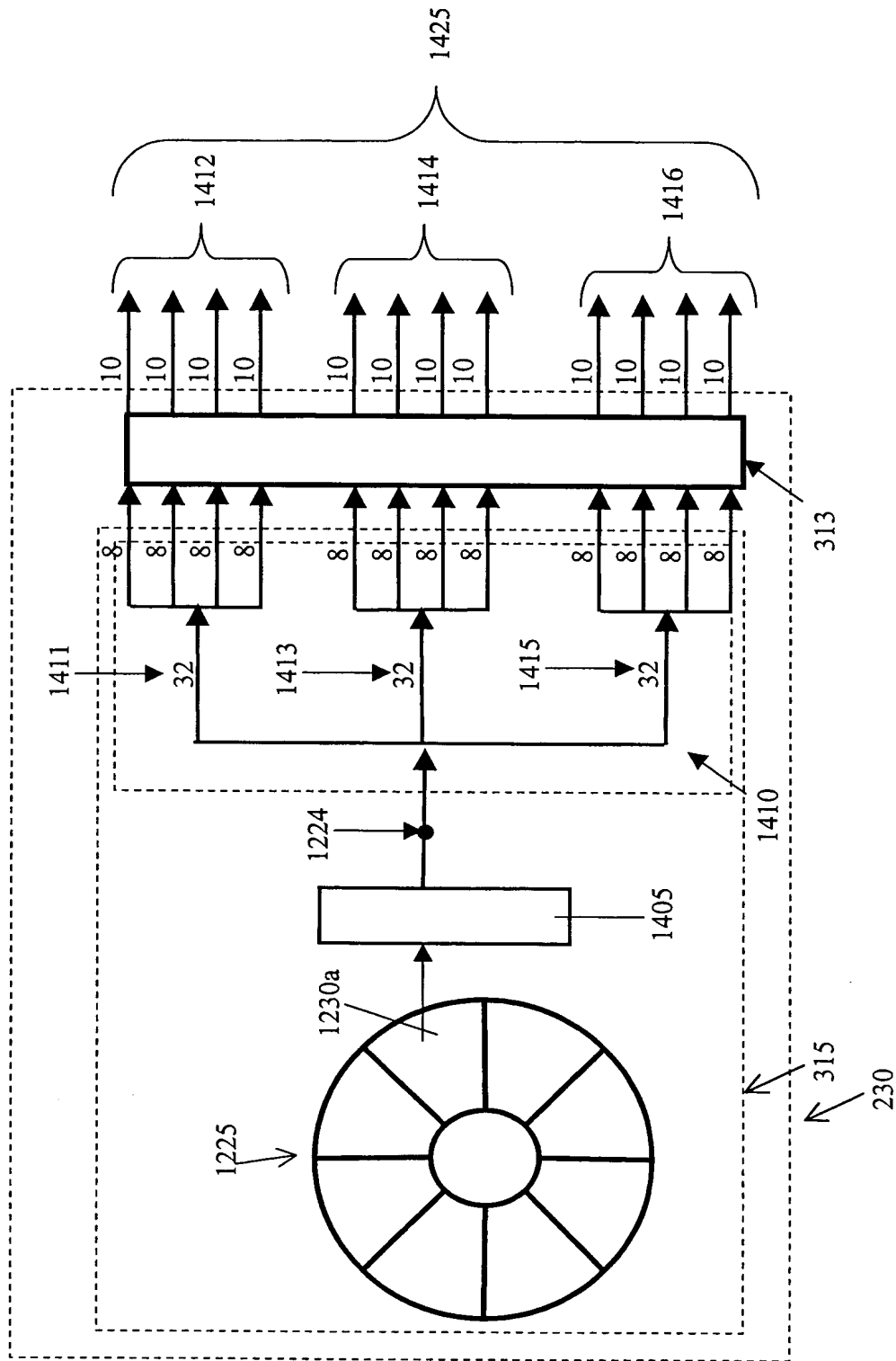


Fig. 14



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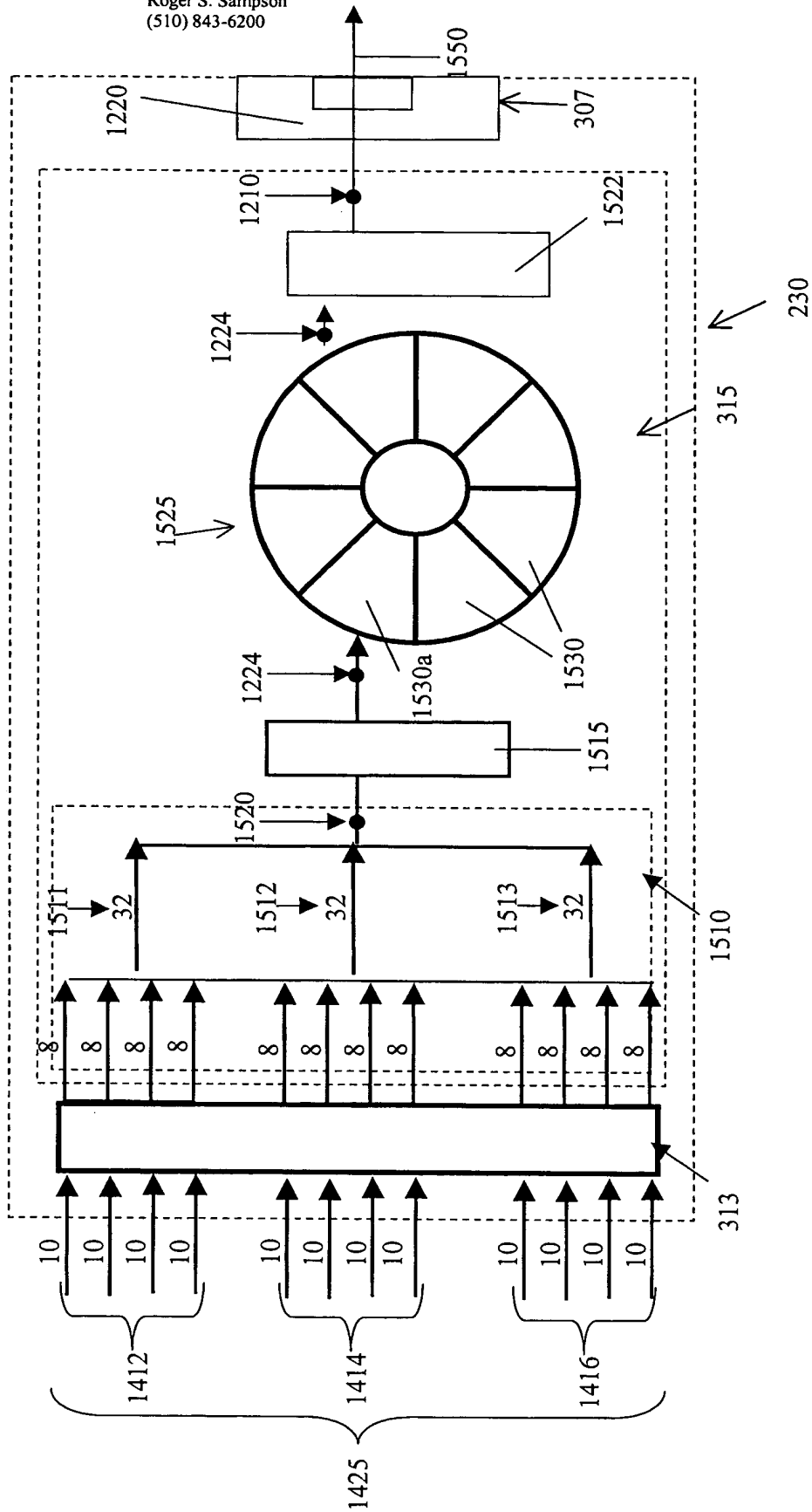


Fig. 15

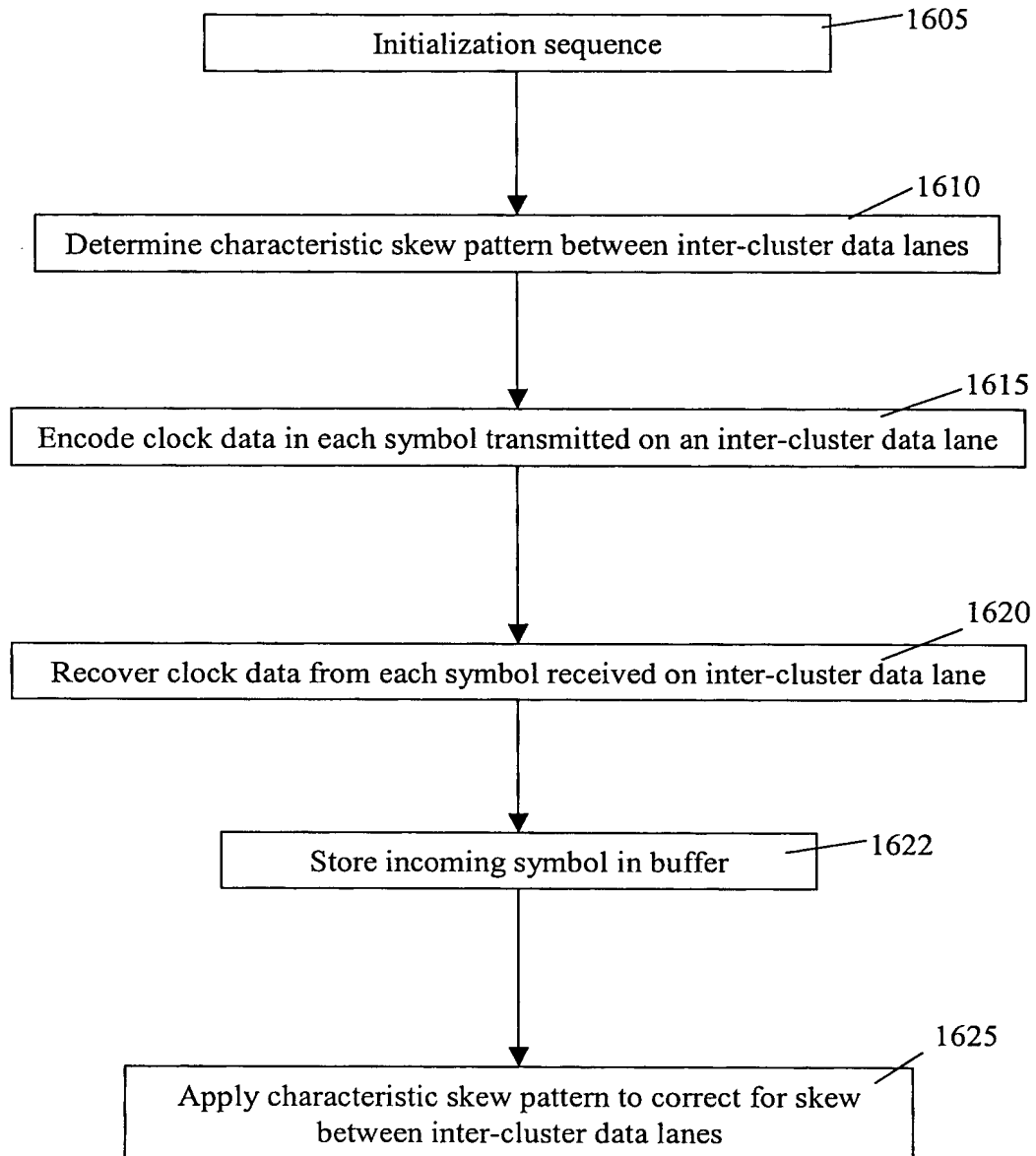


Fig. 16